



## PART B - FEE(S) TRANSMITTAL

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7590

10/22/2003

David C. Ripma, Patent Counsel  
Sharp Laboratories of America, Inc.  
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David C. Ripma Reg. #27,672 (Depositor's name)  
[Signature] (Signature)  
December 12, 2003 (Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/978,434	10/16/2001	Wei Pan	SLA 0499	5020

TITLE OF INVENTION: METHOD OF CONTROLLING THE INITIAL GROWTH OF CVD COPPER FILMS BY SURFACE TREATMENT OF BARRIER METALS FILMS

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1330	\$300	\$1630	01/22/2004

EXAMINER	ART UNIT	CLASS-SUBCLASS
MECKS, TIMOTHY HOWARD	1762	427-250000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
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2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

- David C. Ripma
- Matthew D. Rabdau
- Scott C. Krieger

## 3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

Sharp Laboratories of America, Inc.

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Camas, Washington

Please check the appropriate assignee category or categories (will not be printed on the patent); ☐ individual ☒ corporation or other private group entity ☐ government

## 4a. The following fee(s) are enclosed:

- ☒ Issue Fee
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- ☒ Advance Order - # of Copies 5

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(Date)

David C. Ripma Reg. #27,672 12/05/03

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